

EddyVision 9.2 Release Notes

December 11, 2023

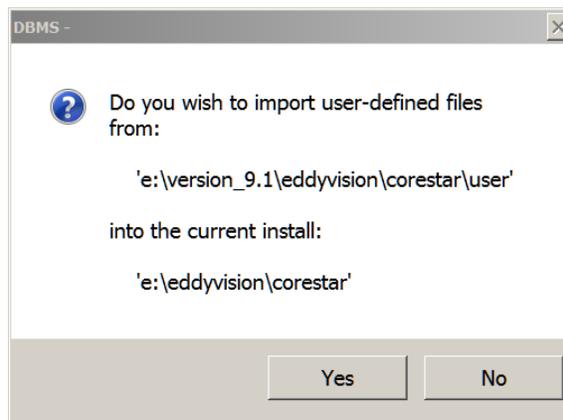
These release notes document all changes from Rev 9.1 to Rev 9.2.

Warning: Files created and/or modified with EddyVision 9.2 may not be readable with earlier versions.

EddyVision 9.2 runs on Windows 7 ,Windows 10 and Windows 11.

1. General

- 1.1. The first time you run the software, it will ask if you want to import user-defined files:



- 1.2. Special fonts used by EddyVision are loaded dynamically and no longer need to be installed. They are in the **<install dir>\system\resource** directory for users who would like to install them. A new Unicode fixed-width font **DejaVuSansMono.ttf** has been added as an alternative to **Courier New**.
- 1.3. Added help for the **Open Project** dialog.
- 1.4. Fixed a bug that did not allow starting DBMS or other tools from the analysis **Tools** menu if dialogs were open.

2. Analysis

- 2.1. If more than one entry exists for a tube ID, it will be shown the lissajous (it will be yellow if it is not the last one):

DSET=1 SEC=IN ROW=1 TUBE=24				1/3
40	CH 8 25 KHz ABS			0°
G4				C2

- 2.2. Note, you can right-click in the **TLIST** entry for that tube to go directly to other duplicates:

Goto DUPL 02/03 at ENTRY=221
Goto DUPL 03/03 at ENTRY=223
Show File Info
Show Config Change
Show Binary

- 2.3. For RD/Tech data, added **R_A** and **R_D** as valid names for absolute and differential channels.
- 2.4. Fixed a bug in **Vvb** measurement type.
- 2.5. Increased the size of the probe model field in the lookup tables and in the **SUMMARY**.
- 2.6. Fixed a bug in the lissajous lines for type **Curve**. It now shows ID and OD correctly.

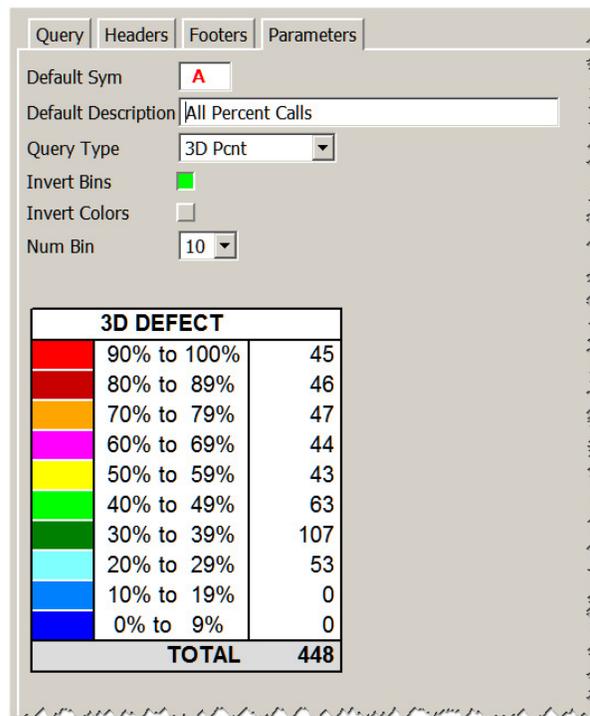
3. Rule Base

- 3.1. Increased width of the **TYPE** column.

3.2. Fixed spelling of **Suppress** button.

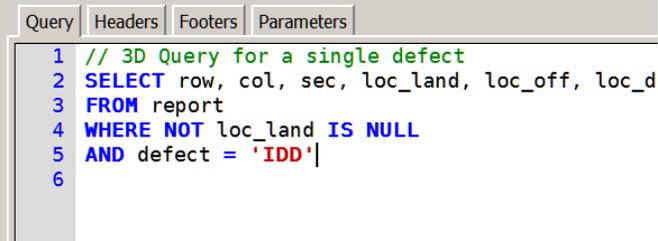
4. DBMS

4.1. Parameters for 3D are no longer parsed as part of the text of the query. There is a separate **Parameters** tab to configure them. You can also define a default symbol and legend description that will be used when a new legend entry is created. See the online help for details.



4.2. If you load a query created with 9.1 that has parameters in the query text, they will be parsed out to set the **Parameters** tab and removed from the query text.

4.3. The Query editor now uses SQL syntax highlighting. This is purely cosmetic and intended to make the queries easier to read:



```

1 // 3D Query for a single defect
2 SELECT row, col, sec, loc_land, loc_off, loc_d
3 FROM report
4 WHERE NOT loc_land IS NULL
5 AND defect = 'IDD'
6

```

- 4.4. Right-click and select **Options** in the popup menu to modify the font and colors. Use the **Theme** menu to select the old style coloring (i.e. none) if preferred. This menu also has a list of recently used macros for that editor.
- 4.5. The **EXPAND** macros button will now stay at the same first line for long queries. In addition, while pressed you can use the mouse wheel to scroll the query editor.
- 4.6. Legend counts now work correctly for queries that use an alias for a tube ID field. For example, **SELECT row as LINE, col as TUBE ...**
- 4.7. In the **QUERY** dialog, stored queries are now a menu option (ie **Stored**) instead of a drop down.
- 4.8. The **[QUERY FILE]**, **[QUERY NAME]**, **[QUERY RECORDS]** and **[QUERY TOTAL TUBES]** macros have been removed from the main **OPTIONS System Macros** tab since they had no meaning. They are still set in the **QUERY** dialog.
- 4.9. The display tick size and color are now stored in the cmp file. The ones in the **DBMS OPTIONS** are only used if they differ from the default which is 8 pts the following color .
- 4.10. Added **View | Print Tube Labels** and **Database | Open in Access** options to main menu.
- 4.11. In the **PLAN** dialog, made the **Database | Fetch Plan** dialog wider as well as the **Plan Name** prompt.
- 4.12. When printing a map, the tube ID will be drawn inside the tube (if enabled) even if it is too small to read. Previously, if the text was less than a 4 pt font, it would not draw.
- 4.13. Fixed a bug where printing was not using the **Landscape Mode** in the **OPTIONS** dialog.
- 4.14. The **3D** dialog will now remember the last printer settings (i.e. orientation and paper size) during a session.
- 4.15. Fixed a bug where printing was losing a pixel at the bottom of the component. <http://www.software995.com/>
- 4.16. Attempted to work around an APC_INDEX_MISMATCH bug in the Windows 10 operating system. On some systems, this could cause a BSOD (Blue Screen of Death) error when printing from the 3D dialog.

- 4.17. Restored the ability to manually enter tubes in the **LIST** and **PLAN** dialogs. You can also cut and paste them as before.
- 4.18. Added the ability to manually set the symbol for a **PLAN** entry by right-clicking in the **SYM** column. Manually added entries will copy the symbol from the last entry.
- 4.19. The **PLAN** dialog has an **Edit | Undo** for items such as clearing all tubes, loading tubes or symbols, new plan and open plan.

5. Acquisition

- 5.1. No changes

6. MakeComp

- 6.1. Removed all tick editing options from main window menu the popup menu in the map. This has been replaced by the **Edit Ticks** dialog. Click the **EDIT TICKS** button in the tool bar of the main window to display it. Use the online help in the **Edit Ticks** dialog to learn how to use it.
- 6.2. The **AUTO COMPUTE** button in the **Edit Ticks** dialog is sufficient for most components.
- 6.3. Added **Edit | Auto Set Periph Tubes** to main menu. You can still manually set or clear the periph attribute of selected tubes.
- 6.4. Added **Util | Set as Default App** which will make the current version of MakeComp the default application in file Explorer for .cmp file.
- 6.5. Removed **View | No Grid** from main menu. The **View | Draw Grid** toggles it.
- 6.6. Many items in MakeComp have an undo (this is not new). For example, if you use **Edit Ticks** dialog to make changes, you can use **Edit | Undo** in the main window to undo them. Most edits that are difficult to manually undo have the Undo feature. These include:
 - 6.6.1. Editing a tube ID
 - 6.6.2. Moving a group
 - 6.6.3. Adding or editing a group
 - 6.6.4. Modifying ticks
 - 6.6.5. Selecting **File | New Component**
 - 6.6.6. Selecting **Edit | Center Horizontally** or **Edit | Center Vertically**
 - 6.6.7. Deleting tubes
 - 6.6.8. Setting peripheral tubes

- 6.6.9. Setting or resetting the landmark set.
- 6.6.10. Modifying **PARAMETERS**
- 6.7. Dialogs such as those for **Edit Group** and **Edit Ticks** have an Undo of their own.
- 6.8. Fixed drawing the selected tube in the map so that it no longer leaves green "droppings".
- 6.9. If more than one tube is selected, the count will be displayed in the lower left message window. Otherwise, the number of tubes will be shown.
- 6.10. The arrow keys now do a better job of moving the currently selected tube.
- 6.11. Added **Deselect Group** option to the map popup.
- 6.12. The model name will appear in the upper right corner when printing.

7. Lookup Tables

- 7.1. Added **File | Print <current table>** to the lookup table dialogs. For example, if the current tab is the **Testers** tab, it will be **File | Print 'Testers'**.
- 7.2. Increase width of **MODEL** column for **Probe** table.